

=> d his

(FILE 'HOME' ENTERED AT 10:56:58 ON 04 MAY 2005)

FILE 'EPFULL, FRFULL, GBFULL, PATDPAFULL, PCTFULL, RDISCLOSURE,
USPATFULL, USPAT2' ENTERED AT 10:58:20 ON 04 MAY 2005

FILE 'REGISTRY' ENTERED AT 10:58:34 ON 04 MAY 2005
E BENZOIC ACID/CN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 10:59:10 ON 04 MAY 2005
85486 S L1 OR (BENZENECARBOXYLIC OR BENZENEFORMIC OR BENZENEMETHANOIC

FILE 'REGISTRY' ENTERED AT 11:02:44 ON 04 MAY 2005
E SALICYLIC ACID/CN

L3 1 S E3

L4 13202 S L3 OR SALICYLIC(W)ACID OR CARBOXYPHENOL OR (HYDROXYBENZENECAR

FILE 'CAPLUS' ENTERED AT 11:05:53 ON 04 MAY 2005
19952 S FATTY(3W)?ESTER OR (GLYCER? OR GLYCOL) (3A) (LAURATE OR CAPRYLA
L5 46 S L5(L) (L2 OR L4)

FILE 'EPFULL, FRFULL, GBFULL, PATDPAFULL, PCTFULL, RDISCLOSURE,
USPATFULL, USPAT2' ENTERED AT 11:42:16 ON 04 MAY 2005

FILE 'USPATFULL, USPAT2' ENTERED AT 11:42:35 ON 04 MAY 2005

L7 3153 S L6

L8 1149 S L7 NOT PY>=2000

L9 36900 S (GLYCER? OR GLYCOL) (3A) (LAURATE OR CAPRYLATE OR CAPRATE OR FA

L10 6805 S L9(L) (L2 OR L4)

L11 3082 S (GLYCER? OR GLYCOL) (3A) (LAURATE OR CAPRYLATE OR CAPRATE)

L12 571 S L11(L) (L2 OR L4)

L13 184 S L12 NOT PY>=2000

L14 3387 S (L10 OR L12) AND (3(2W)M OR MINNESOTA(W)MINING(2W)MANUFACTURI

L15 40 S (L10 OR L12) AND (ANDREWS OR MINNESOTA(W)MINING(2W)MANUFACTUR

L16 670 S (L10 OR L12) AND 3M

E 3M/PA

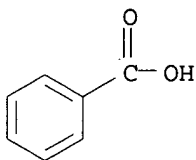
L17 10 S E3 AND (L10 OR L12)

```
=> e benzoic acid/cn
E1      1      BENZOIC 4-METHYLBENZOIC ANHYDRIDE/CN
E2      1      BENZOIC 4-NITROBENZOIC ANHYDRIDE/CN
E3      1 --> BENZOIC ACID/CN
E4      1      BENZOIC ACID  N,N,N',N'-TETRAKIS (2-HYDROXYPROPYL) ETHYLENEDIA
MINE SALT/CN
E5      1      BENZOIC ACID (((((S)-3-(4-(1,1-DIOXOHEXAHYDROTHIOPYRAN-4-YL)
-3-FLUOROPHENYL)-2-OXOOXAZOLIDIN-5-YL) METHYL) CARBAMOYL) OXY) M
ETHYL ESTER/CN
E6      1      BENZOIC ACID (((ETHYLSULFANYL) CARBONYL) OXY) METHYL ESTER/CN
E7      1      BENZOIC ACID ((2R)-1-(4-(3-(2-METHOXYBENZYLOXY) PROPOXY) PHENY
L)-6-OXOPIPERAZIN-2-YL) METHYL ESTER/CN
E8      1      BENZOIC ACID ((ACETYL(((R)-3-(4-(1,1-DIOXOHEXAHYDROTHIOPYRAN
-4-YL)-3-FLUOROPHENYL)-2-OXOOXAZOLIDIN-5-YL) METHYL) CARBAMOYL
) OXY) METHYL ESTER/CN
E9      1      BENZOIC ACID (1-FERROCENYLETHYLIDENE) HYDRAZIDE/CN
E10     1      BENZOIC ACID (2,5-DICHLOROPHENYL) HYDRAZIDE/CN
E11     1      BENZOIC ACID (2,6-DICHLOROBENZYLIDENE) HYDRAZIDE/CN
E12     1      BENZOIC ACID (2-(((3-METHYL-4-(2,2,2-TRIFLUOROETHOXY)-2-PYRI
DYL) METHYL) SULFINYL)-1H-BENZIMIDAZOL-1-YL) METHYL ESTER/CN
```

```
=> s e3
L1      1 "BENZOIC ACID"/CN
```

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=> d rn str cn
```

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L1      ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2005 ACS on STN
RN      65-85-0  REGISTRY
```



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

```
CN      Benzoic acid (7CI, 8CI, 9CI)  (CA INDEX NAME)
OTHER NAMES:
CN      Benzenecarboxylic acid
CN      Benzeneformic acid
CN      Benzenemethanoic acid
CN      Carboxybenzene
CN      Dracylic acid
CN      E 210
CN      HA 1
CN      HA 1 (acid)
CN      Menno-Florades
CN      MENNO-Florades
CN      NSC 149
CN      Phenylcarboxylic acid
CN      Phenylformic acid
CN      Retarder BA
CN      Retardex
CN      Salvo liquid
CN      Solvo powder
CN      Tenn-Plas
```

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=> FIL CAPLUS
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```
COST IN U.S. DOLLARS
```

```
FULL ESTIMATED COST
```

SINCE FILE	TOTAL
ENTRY	SESSION
6.87	19.30

FILE 'CAPLUS' ENTERED AT 10:59:10 ON 04 MAY 2005
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FILE COVERS 1907 - 4 May 2005 VOL 142 ISS 19
FILE LAST UPDATED: 3 May 2005 (20050503/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l1 or (Benzenecarboxylic or Benzeneformic or Benzenemethanoic or Dracylic or Benzoic or Phenylcarboxylic or Phenylformic)(w)acid or Menno(2w)Florades or Retardex or Salvo or solvo or Tenn(2w)Plas

31096 L1

970 BENZENECARBOXYLIC

1 BENZENECARBOXYLICS

970 BENZENECARBOXYLIC

(BENZENECARBOXYLIC OR BENZENECARBOXYLICS)

2 BENZENEFORMIC

0 BENZENEMETHANOIC

0 DRACYLIC

83946 BENZOIC

13 BENZOICS

83955 BENZOIC

(BENZOIC OR BENZOICS)

168 PHENYLCARBOXYLIC

18 PHENYLFORMIC

3971434 ACID

1474418 ACIDS

4449022 ACID

(ACID OR ACIDS)

80572 (BENZENECARBOXYLIC OR BENZENEFORMIC OR BENZENEMETHANOIC OR DRACYLIC OR BENZOIC OR PHENYLCARBOXYLIC OR PHENYLFORMIC)(W)ACID

16 MENNO

2 FLORADES

2 MENNO(2W)FLORADES

0 RETARDEX

26 SALVO

23 SALVOS

4 SALVOES

52 SALVO

(SALVO OR SALVOS OR SALVOES)

161 SOLVO

524 TENN

2 TENNS

526 TENN

(TENN OR TENNS)

284 PLAS

15 PLASES

299 PLAS

(PLAS OR PLASES)

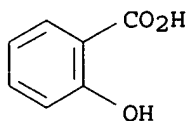
0 TENN(2W)PLAS

L2

85486 L1 OR (BENZENECARBOXYLIC OR BENZENEFORMIC OR BENZENEMETHANOIC OR DRACYLIC OR BENZOIC OR PHENYLCARBOXYLIC OR PHENYLFORMIC)(W)A

=> d rn str cn

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 69-72-7 REGISTRY



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Salicylic acid (6CI, 8CI)**

OTHER NAMES:

CN 171

CN 2-Carboxyphenol

CN 2-Hydroxybenzenecarboxylic acid

CN 2-Hydroxybenzoic acid

CN 311

CN 334

CN 337

CN 380

CN 51

CN Advanced Pain Relief Callus Removers

CN Advanced Pain Relief Corn Removers

CN Clear away Wart Remover

CN Compound W

CN Dr. Scholl's Callus Removers

CN Dr. Scholl's Corn Removers

CN Dr. Scholl's Wart Remover Kit

CN Duofil Wart Remover

CN Duoplant

CN Freezone

CN Ionil

CN Ionil Plus

CN K 537

CN K 557

CN NSC 180

CN o-Carboxyphenol

CN o-Hydroxybenzoic acid

CN Phenol-2-carboxylic acid

CN Psoriacid-S-Stift

CN Retarder W

CN Rutranex

CN Salicylic acid collodion

CN Salicylic Acid Soap

CN Saligel

CN Salonil

CN Stri-Dex

CN Trans-Ver-Sal

=> s l3 or Salicylic(w)acid or Carboxyphenol or (Hydroxybenzenecarboxylic or Hydroxybenzoic(w)acid or Saligel or Salonil

MISSING TERM 'XYBENZOIC((W'

The search profile entered contains a left parenthesis,

'(' followed by an operator.

=> s l3 or Salicylic(w)acid or Carboxyphenol or (Hydroxybenzenecarboxylic or Hydroxybenzoic(w)acid or Saligel or Salonil

7006 SALICYLIC

7022171 ACID

8652 ACIDS
7028614 ACID
 (ACID OR ACIDS)
6959 SALICYLIC(W)ACID
 13 CARBOXYPHENOL
 4 HYDROXYBENZENECARBOXYLIC

6592 HYDROXYBENZOIC

7022171 ACID

8652 ACIDS

7028614 ACID

 (ACID OR ACIDS)

6567 (HYDROXYBENZENECARBOXYLIC OR HYDROXYBENZOIC) (W)ACID

1 SALIGEL

1 SALONIL

L4 13202 L3 OR SALICYLIC(W)ACID OR CARBOXYPHENOL OR (HYDROXYBENZENECARBOXYLIC OR HYDROXYBENZOIC) (W)ACID OR SALIGEL OR SALONIL

=> FIL CAPLUS

=> s e3 and (110 or 112)
L17 10 3M/PA AND (L10 OR L12)

=> d ibib 1-10

L17 ANSWER 1 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:104606 USPATFULL
TITLE: Antimicrobial compositions and methods
INVENTOR(S): Scholz, Matthew T., Woodbury, MN, UNITED STATES
Gibbs, Dianne L., St. Paul, MN, UNITED STATES
Capecchi, John T., Oakdale, MN, UNITED STATES
Andrews, Jeffrey F., Stillwater, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005089539	A1	20050428
APPLICATION INFO.:	US 2004-937059	A1	20040908 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-659571, filed on 9 Sep 2003, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST. PAUL, MN, 55133-3427, US		
NUMBER OF CLAIMS:	170		
EXEMPLARY CLAIM:	1		
LINE COUNT:	5760		

L17 ANSWER 2 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:98556 USPATFULL
TITLE: Concentrated antimicrobial compositions and methods
INVENTOR(S): Andrews, Jeffrey F., Stillwater, MN, UNITED STATES
Wang, Danli, Shoreview, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005084471	A1	20050421
APPLICATION INFO.:	US 2004-936989	A1	20040908 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-659584, filed on 9 Sep 2003, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST. PAUL, MN, 55133-3427, US		
NUMBER OF CLAIMS:	52		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2648		

L17 ANSWER 3 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:68535 USPATFULL
TITLE: Antimicrobial compositions and methods
INVENTOR(S): Scholz, Matthew T., Woodbury, MN, UNITED STATES
Gibbs, Dianne L., St. Paul, MN, UNITED STATES
Capecchi, John T., Oakdale, MN, UNITED STATES
Andrews, Jeffrey F., Stillwater, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005058673	A1	20050317
APPLICATION INFO.:	US 2003-659571	A1	20030909 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST.		

PAUL, MN, 55133-3427

NUMBER OF CLAIMS: 110
EXEMPLARY CLAIM: 1
LINE COUNT: 4342
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 4 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:62558 USPATFULL
TITLE: Antimicrobial compositions and methods
INVENTOR(S): Wang, Danli, Shoreview, MN, UNITED STATES
Scholz, Matthew T., Woodbury, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005053593	A1	20050310
APPLICATION INFO.:	US 2004-936949	A1	20040908 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-501817P	20030909 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST. PAUL, MN, 55133-3427	
NUMBER OF CLAIMS:	59	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1694	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 5 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:334495 USPATFULL
TITLE: Biaxially stretched film
INVENTOR(S): Wong, Chiu Ping, Vadnais Heights, MN, UNITED STATES
Hanschen, Thomas P., St. Paul, MN, UNITED STATES
Ferguson, Anthony B., Lake Elmo, MN, UNITED STATES
Merrill, William W., White Bear Lake, MN, UNITED STATES
Roska, Fred J., Woodbury, MN, UNITED STATES
Jackson, Jeffery N., Woodbury, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004265575	A1	20041230
APPLICATION INFO.:	US 2004-899568	A1	20040726 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-53301, filed on 17 Jan 2002, PENDING Division of Ser. No. US 1998-192059, filed on 13 Nov 1998, GRANTED, Pat. No. US 6358457		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST. PAUL, MN, 55133-3427		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Page(s)		
LINE COUNT:	1264		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:227142 USPATFULL
TITLE: Cloth-like polymeric film with directional tear
INVENTOR(S): Shiota, Ko, Kawasaki-city, JAPAN
Getschel, Joel A., Osceola, WI, UNITED STATES
Strobel, Mark A., Maplewood, MN, UNITED STATES
Ulsh, Michael J., Woodbury, MN, UNITED STATES
Ray, Terry R., Oakdale, MN, UNITED STATES

PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S. individual)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004175527	A1	20040909
APPLICATION INFO.:	US 2003-382147	A1	20030305 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST. PAUL, MN, 55133-3427		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	1321		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 7 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2003:279049 USPATFULL
TITLE: Cloth-like polymeric films
INVENTOR(S): Jackson, Jeffery, Woodbury, MN, United States
Krueger, Dennis L., Hudson, WI, United States
PATENT ASSIGNEE(S): 3M Innovative Properties Company, St. Paul, MN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6635334	B1	20031021
APPLICATION INFO.:	US 2000-634000		20000808 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Watkins, III, William P.		
LEGAL REPRESENTATIVE:	Blank, Colene H.		
NUMBER OF CLAIMS:	61		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	1315		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 8 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2002:185462 USPATFULL
TITLE: Methods of stretching films and such films
INVENTOR(S): Wong, Chiu Ping, Vadnais Heights, MN, UNITED STATES
Hanschen, Thomas P., St. Paul, MN, UNITED STATES
Ferguson, Anthony B., Lake Elmo, MN, UNITED STATES
Merrill, William W., White Bear Lake, MN, UNITED STATES
Roska, Fred J., Woodbury, MN, UNITED STATES
Jackson, Jeffery N., Woodbury, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002098372	A1	20020725
APPLICATION INFO.:	US 2002-53301	A1	20020117 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-192059, filed on 13 Nov 1998, PATENTED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	3M Innovative Properties Company, Office of Intellectual Property Counsel, PO Box 33427, St. Paul, MN, 55133-3427		
NUMBER OF CLAIMS:	46		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Page(s)		
LINE COUNT:	1403		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 9 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2002:57342 USPATFULL
TITLE: Method of stretching films according to an overbias or overstretch profile
INVENTOR(S): Wong, Chiu Ping, Vadnais Heights, MN, United States
Hanschen, Thomas P., St. Paul, MN, United States
Ferguson, Anthony B., Lake Elmo, MN, United States
Merrill, William W., White Bear Lake, MN, United States
Roska, Fred J., Woodbury, MN, United States
Jackson, Jeffery N., Woodbury, MN, United States
PATENT ASSIGNEE(S): 3M Innovative Properties Company, St. Paul, MN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6358457	B1	20020319
APPLICATION INFO.:	US 1998-192059		19981113 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Silbaugh, Jan H.		
ASSISTANT EXAMINER:	Poe, Michael I.		
LEGAL REPRESENTATIVE:	Trussell, James J., Peters, Carolyn V.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 11 Drawing Page(s)		
LINE COUNT:	1252		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 10 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2001:178579 USPATFULL
TITLE: Method of stretching films according to an overbias or overstretch stretch profile
INVENTOR(S): Wong, Chiu Ping, Vadnais Heights, MN, United States
Hanschen, Thomas P., St. Paul, MN, United States
Ferguson, Anthony B., Lake Elmo, MN, United States
Merrill, William W., White Bear Lake, MN, United States
Roska, Fred J., Woodbury, MN, United States
Jackson, Jeffery N., Woodbury, MN, United States
PATENT ASSIGNEE(S): 3M Innovative Properties Company, St. Paul, MN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6303067	B1	20011016
APPLICATION INFO.:	US 1998-192060		19981113 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Silbaugh, Jan H.		
ASSISTANT EXAMINER:	Poe, Michael I.		
LEGAL REPRESENTATIVE:	Trussell, James J., Peters, Carolyn V.		
NUMBER OF CLAIMS:	27		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 11 Drawing Page(s)		
LINE COUNT:	1237		

ACCESSION NUMBER: 1981:617663 CAPLUS
 DOCUMENT NUMBER: 95:217663
 TITLE: The constituents of the flower of *Ligustrum obtusifolium* Sieb. et Zucc
 AUTHOR(S): Kikuchi, Masao
 CORPORATE SOURCE: Tohoku Coll. Pharm., Sendai, 983, Japan
 SOURCE: Nippon Nogei Kagaku Kaishi (1981), 55(9), 821-3
 CODEN: NNKKA; ISSN: 0002-1407
 DOCUMENT TYPE: Journal
 LANGUAGE: Japanese

AB Steam distillation of 32 g cold ether extract from 2 kg flowers of *L. obtusifolium* yielded 0.9 g essential oil consisting of 35 mg acids (I), 50 mg phenols (II), 160 mg of a neutral fraction III (III) and 655 mg of a neutral fraction IV (IV) eluted through silica gel chromatog. with hexane and ether, resp. I was determined on methylation and gas chromatog. (Silicone OV-17, 60-250°) to contain mainly phenylacetic acid (70%) with n-C6-C12 alkanolic and **benzoic acids**. From II, III, and IV were isolated phenol, o-, m-, and p-cresol, guaiacol, eugenol (65%); C15-C26 n-alkanes; and cis-3-hexen-1-ol, linalool, benzyl alc., phenylethyl alc., and benzaldehyde, resp. From 29 g solid residue of steam distillation were isolated on silica gel chromatog. (solvent) followed by gas chromatog. 1.45 g n-C21-C33 n-alkanes (C6H14); 1.45 g higher **fatty acid ester** and 1.45 g glycerides, 4.35 g palmitic and oleanolic glycerides (C6H14-Et2O 9:1); 0.73 g n-C18-C28 alcs. (4:1); 0.37 g lauric, palmitic, linoleic acid (4:1); 0.24 g α - and β -amyrin (PhH-EtOAc 9:1); 0.33 g sitosterol (4:1). From hot aqueous residue of steam distillation, were isolated on cooling 0.2 g quercetin and 0.1 g kaempferol and on ether extraction and silica gel chromatog. p-coumaric acid 0.1, caffeic acid 0.1, ferulic acid 0.2, and p-hydroxy- β -phenylethyl alc. 0.2 g.

ACCESSION NUMBER: 1992:221343 CAPLUS
DOCUMENT NUMBER: 116:221343
TITLE: Body deodorant compositions containing glyceryl
laurate and carboxylic acids
INVENTOR(S): Komp, Bernd; Gigengack, Christiane
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: U.S., 4 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5098694	A	19920324	US 1990-589131	19900925
WO 9204885	A1	19920402	WO 1991-US6788	19910920
W: AU, JP, KR				
AU 9186477	A1	19920415	AU 1991-86477	19910920
PRIORITY APPLN. INFO.:			US 1990-589131	A 19900925
			WO 1991-US6788	A 19910920

AB Deodorant compns. containing **glyceryl laurate** (I),
benzoic acid or sorbic acid (II), and citric acid (III)
are prepared A deodorant composition contained PEG-hydrogenated castor oil 1.00,
SD alc. 46.750, water 34.034, butylene glycol 10.000, PEG stearyl ether
5.000, I 1.000, II 0.224, III 0.180, fragrance, colors and preservatives
q.s. to 100.00%.

ACCESSION NUMBER: 1991:431626 CAPLUS
DOCUMENT NUMBER: 115:31626
TITLE: Low-odor detergents
INVENTOR(S): Yazaki, Mitsuyoshi; Fukutome, Shinichi; Nagaai, Kazuo
PATENT ASSIGNEE(S): Lion Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03074495	A2	19910329	JP 1989-211010	19890815
JP 2759112	B2	19980528		
PRIORITY APPLN. INFO.:			JP 1989-211010	19890815
OTHER SOURCE(S):	MARPAT 115:31626			
AB	Detergents containing 2-30% sulfonated salts of fatty acid low alkyl esters and 0.0001-3% benzoic acid , its salts, or esters which decrease the order of the detergents. Thus, a detergent containing α -sulfo-palm fatty acid Me ester Na salt 5, K α -olefin sulfonate 20, Diadol 13 2, salt 1, zeolite 20, Na carbonate 20, K carbonate 5, Na benzoate 0.01, and water 7%.			
IT	Detergents (<u>fatty acid alkyl ester</u> sulfonates, containing benzoic acid for decreased order)			

ACCESSION NUMBER: 1989:59961 CAPLUS
 DOCUMENT NUMBER: 110:59961
 TITLE: Bleach detergent compositions
 INVENTOR(S): Isobe, Kenji; Nakagawa, Ryuichi
 PATENT ASSIGNEE(S): Lion Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63101497	A2	19880506	JP 1986-246787	19861017
PRIORITY APPLN. INFO.:			JP 1986-246787	19861017
OTHER SOURCE(S):	MARPAT 110:59961			

AB The color-safe title compns. contain (A) 100 parts peroxide producing H₂O₂ in water and activators comprising (B) 0.05-5 part inorg. Co compound and activators C (>0.2 part) and E (>1 part) or comprising (D) 0.2-10 parts organic Co salt and activators E (>1 part): activator C comprises ≥ 1 of C₁-24 fatty acids and their alkali metal salts, C₈-22 saturated **fatty acid lower alkyl ester** sulfonic acid alkali or alkaline earth metal salts, C₁₀-22 α -sulfofatty acid alkali or alkaline earth metal salts, alkali or alkaline earth metal salts of sulfonic acid of C₁₈-22 unsatd. fatty acid salts, dicarboxylic acid derivs. YO₂C(CH₂)_nCO₂Y (n = 1-10; Y = H, alkali metal), citric, malic, phenolic, tartaric, gluconic, maleic, fumaric, and diglycolic acids and their alkali metal salts, phenol or **benzoic acid** derivs. XC₆H₄-nR_n (I, R = H, CO₂H, C₁-10 alkoxy, alkyl; n ≥ 1 ; X = OH, CO₂H) or alkali metal salt. When n > 1, R's may be the same or different, and polycarboxylic acid polymer alkali metal salts; activator D comprises ≥ 1 of C₁-24 fatty acid Co salts, C₈-22 saturated **fatty acid lower alkyl ester** sulfonic acid Co salts, C₁₈-22 unsatd. **fatty acid lower alkyl ester** sulfonic acid Co salts, C₁₀-22 α -sulfofatty acid Co salts, Co salts of sulfonic acid of C₁₈-22 unsatd. fatty acid Co salts, Co salts of the dicarboxylic acids HO₂C(CH₂)_nCO₂H (n = 1-10), Co salts of citric, malic, phthalic, tartaric, gluconic, maleic, fumaric, and diglycolic acids, Co salts of I (R = H, CO₂H, C₁-10 alkoxy, alkyl; X = OH, CO₂H; when n ≥ 2 , R's may be the same or different), and polycarboxylic acid polymer Co salts; activator E comprises ≥ 1 of nitrilotriacetic acid, EDTA, N-hydroxyethylethylenediaminetriacetic acid, diethylenetriaminepentaacetic acid, and the alkali metal salts. A typical enzyme-containing anionic detergent composition contained 6% bleach comprising Na percarbonate 59.7, CoSO₄·7H₂O 0.3, hardened tallow acid Me ester sulfonic acid Na salt 15, Na citrate 5, and Na nitrilotriacetate 20 parts.

ACCESSION NUMBER: 2000:636401 CAPLUS
DOCUMENT NUMBER: 133:198395
TITLE: Shampoo compositions containing salicylic acid
derivative and fatty acid ester
INVENTOR(S): Park, Hyun-sung; Choe, Soo-kyu; Sung, Si-kwon; Min,
Doo-sik
PATENT ASSIGNEE(S): Lg Chemical Co., Ltd., S. Korea
SOURCE: Repub. Korea, No pp. given
CODEN: KRXXFC
DOCUMENT TYPE: Patent
LANGUAGE: Korean
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 9607392	B1	19960531	KR 1993-24578	19931117
PRIORITY APPLN. INFO.:			KR 1993-24578	19931117

IT 69-72-7D, Salicylic acid, derivs.

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(shampoo compns. containing salicylic acid derivative and **fatty acid ester**)